



**SUPPLEMENTAL
INFORMATION DISCLOSURE CITATION**

Attorney Docket: 0769-4624USS	Serial No.: 10/657,096
Applicant: BAHAR et al.	
Filing Date: September 9, 2003	Group Art Unit: 1745

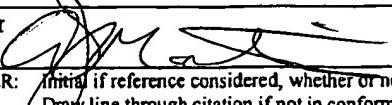
U.S. PATENT / PUBLICATION DOCUMENTS

Examiner Initial	Patent/Publication Number	Publication/Issue Date	Name	Filing Date
<i>John</i>	1. 2,681,319	6/15/1954	Bodamer	
	2. 2,827,426	3/18/1958	Bodamer	
	3. 2,951,818	9/6/1960	Haagen	
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	5. 3,647,086	3/7/1972	Mizutani et al.	
	6. 3,692,569	9/19/1972	Grot	
	7. 4,012,303	3/15/1977	D'Agostino et al.	
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	10. 4,186,076	1/29/1980	De Nora et al.	
	11. 4,207,163	6/10/1980	Kadija	
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	13. 4,210,510	7/1/1980	Grimes	
	14. 4,218,542	8/19/1980	Ukihashi et al.	
	15. 4,224,121	9/23/1980	Dempsey et al.	
	16. 4,262,041	4/14/1981	Eguchi et al.	
	17. 4,313,832	2/2/1982	Shimizu et al.	
	18. 4,341,615	7/27/1982	Bachot et al.	
	19. 4,453,991	6/12/1984	Grot	
	20. 4,469,744	9/4/1984	Lee	
	21. 4,515,906	5/7/1985	Friesen et al.	
	22. 4,518,650	5/21/1985	Grot et al.	
<i>John</i>	23. 4,604,170	8/5/1986	Miyaka et al.	

Examiner <i>John</i>	Date Considered <i>10/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449A		Attorney Docket: 0769-4624US5	Serial No.: 10/657,096
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U.S. PATENT / PUBLICATION DOCUMENTS					
Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
<i>JM</i>	24.	4,629,563	12/16/1986	Wrasidla	
	25.	4,664,801	5/12/1987	Thomas	
	26.	4,698,243	10/6/1987	Carl et al.	
	27.	4,724,157	2/9/1988	Toda et al.	
	28.	4,731,263	3/15/1988	Martin et al.	
	29.	4,774,039	9/27/1988	Wrasidlo	
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<i>JM</i>	46.	5,075,006	12/24/1991	Schucker	

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U.S. PATENT / PUBLICATION DOCUMENTS					
Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
<i>Jm</i>	47.	5,082,475	1/21/1992	Bentz	
<i>Jm</i>	48.	5,087,767	2/11/1992	Okamoto et al.	
	49.	5,094,895	3/10/1992	Branca et al.	
	50.	5,124,018	6/23/1992	Furuya et al.	
	51.	5,154,827	10/13/1992	Ashelin et al.	
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	56.	5,209,850	5/11/1993	Abayasekara et al.	
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	60.	5,256,503	10/26/1993	Cook et al.	
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	66.	5,356,663	10/18/1994	Perusich et al.	
	67.	5,415,888	5/16/1995	Banerjee et al.	
<i>Jm</i>	68.	5,425,865	6/20/1995	Singleton et al.	
<i>Jm</i>	69.	5,438,082	8/1/1995	Helmer-Metzman et al.	

Examiner	<i>Jm</i>	Date Considered	<i>10/05</i>
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U.S. PATENT/PUBLICATION DOCUMENTS					
Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
<i>John</i>	70.	5,447,636	9/5/1995	Banerjee	
	71.	5,453,333	9/26/1995	Takauchi	
	72.	5,468,574	11/21/1995	Ehrenberg et al.	
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	85.	RE 37,656	4/16/2002	Bahar et al.	
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<i>John</i>	87.	2003/0113604 A1	6/19/2003	Baher et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
<i>John</i>	88.	49-146570	12/18/1974	JAPAN	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>John</i>	89.	51-71888	6/22/1976	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>John</i>	90.	2 295 982	7/23/1976	FRANCE (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
Examiner	Date Considered					<i>10/05</i>
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FOREIGN PATENT DOCUMENTS						
Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
<i>JM</i>	91.	2 009 788	6/20/1979	GREAT BRITAIN	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>JM</i>	92.	2 052 382	1/28/1981	GREAT BRITAIN	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	93.	2 091 166	7/28/1982	GREAT BRITAIN	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	94.	57-134586	8/19/1982	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	95.	61-246394	1/11/1986	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	96.	61-276987	12/6/1986	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	97.	62-131038	6/13/1987	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	98.	62-179168	8/6/1987	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	99.	62-280230	12/5/1987	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	100.	62-280231	12/5/1987	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	101.	63-99246	4/30/1988	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	102.	64-22932	1/25/1989	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	103.	88-17506	4/6/1989	AUSTRALIA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	104.	89/06055	6/29/1989	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	105.	01-186752	7/26/1989	JAPAN (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	106.	0 326 360 A2	8/2/1989	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	107.	0 326 632 A1	8/9/1989	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	108.	90/13593	11/15/1990	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	109.	91/14021	9/19/1991	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	110.	0 503 147 A1	9/16/1992	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	111.	0 550 262 A1	7/7/1993	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	112.	0 572 810 A1	12/8/1993	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>JM</i>	113.	0 574 791 A2	12/22/1993	EUROPE (w/ Abst.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
<i>[Signature]</i>	114.	0 594 007 A1	4/27/1994	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>[Signature]</i>	115.	95/16730	6/22/1995	WO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>[Signature]</i>	116.	0 661 336 A1	7/5/1995	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>[Signature]</i>	117.	0 718 903 A1	6/26/1996	EUROPE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
<i>[Signature]</i>	118.	Penner et al., "Ion transporting Composite Membranes," JOURNAL OF THE ELECTROCHEMICAL SOCIETY, Vol. 132, No. 2, Feb. 1985, pp. 514-514.				
<i>[Signature]</i>	119.	Taylor et al., "The Effect of Support Morphology on Composite Membrane Performance," ELECTROCHEMICAL SOCIETY MEETING, San Diego, Oct. 19-24, 1986.				
<i>[Signature]</i>	120.	Asawa, "Material Properties of Cation Exchange Membranes for Chloralkali Electrolysis, Water Electrolysis and Fuel Cells," JOURNAL OF APPLIED ELECTROCHEMISTRY, Vol. 19, No. 4, 1989, pp. 566-570.				
<i>[Signature]</i>	121.	Liu et al., "Ion Transporting Composite Membranes," JOURNAL OF ELECTROCHEMICAL SOCIETY, Vol. 137, No. 2, Feb. 1990, pp. 510-515.				
<i>[Signature]</i>	122.	Verbrugge et al., "Composite Membranes for Fuel-Cell Applications," AIChE Journal, Vol. 38, No. 1, January 1992, pp. 92-100.				
<i>[Signature]</i>	123.	Glad et al., "Synthesis of Reactive Composite Membranes from Celgard 2400 and Methacrlate Monomers," JOURNAL OF MEMBRANE SCIENCE, Vol. 67, 1992, pp. 289-293.				
<i>[Signature]</i>	124.	Kolde et al., "Advanced Composite Polymer Electrolyte Fuel Cell Membranes," ELECTROCHEMICAL SOCIETY PROCEEDINGS, Vol. 95-23, 1995, pp. 193-201.				

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